

	Page
New York district office locations and addresses.....	iii
Preface.....	iv
List of surface-water stations, in downstream order, for which records are published.....	viii
List of ground-water wells, by county, for which records are published.....	x
List of discontinued surface-water discharge or stage-only stations.....	xi
List of discontinued surface-water-quality stations.....	xv
List of discontinued crest-stage partial-record stations.....	xvi
Introduction.....	1
Cooperation.....	1
Summary of hydrologic conditions.....	2
Surface Water.....	2
Water Quality.....	5
Ground Water.....	8
Special networks and programs.....	11
Explanation of records.....	11
Station identification numbers.....	11
Downstream order system.....	12
Latitude-longitude system.....	12
Records of stage and water discharge.....	12
Data collection and computation.....	12
Data presentation.....	13
Station manuscript.....	13
Data table of daily mean values.....	14
Statistics of monthly mean data.....	15
Summary statistics.....	15
Hydrographs.....	16
Identifying estimated daily discharge.....	16
Accuracy of the records.....	16
Other records available.....	16
Records of surface-water quality.....	17
Classification of records.....	17
Arrangement of records.....	17
On-site measurements and sample collection.....	17
Water temperature.....	18
Sediment.....	18
Laboratory measurements.....	18
Data presentation.....	18
Categories of water-quality data.....	19
Frequency-of-sampling notation.....	19
Dissolved trace-element concentrations.....	19
Change in National Trends Network procedures.....	19
Remarks codes.....	20
Quality-control data.....	20
Records of ground-water levels.....	21
Data collection and computation.....	21
Data presentation.....	21
Records of ground-water quality.....	22
Data collection and computation.....	22
Data presentation.....	22
Access to USGS water data.....	22
Definition of terms.....	23
Some recent reports by USGS authors.....	37
Publications on Techniques of Water-Resources Investigations.....	38
Station records, surface water.....	46
Discharge at partial-record stations and miscellaneous sites.....	451
Crest-stage partial record stations.....	451
Miscellaneous sites.....	456
Station records, ground water levels.....	459
National water-quality assessment (NAWQA) program records	
Hudson River basin.....	474
Quality of ground water - Aquifers within the Mohawk River basin.....	502
Index.....	521

ILLUSTRATIONS

Figure 1.	Map showing 2002 water year runoff as a percentage of the average annual runoff for 1940-2001 for eastern New York excluding Long Island.....	3
2.	Comparison of percent of capacity of average month-end reservoir contents and month-end contents during 2002 water year for two selected reservoir systems in eastern New York.....	2
3.	Comparison of monthly runoff for 2002 water year and average monthly runoff for 1940-2001 for selected gaging stations in eastern New York.....	4
4.	Hydrographic comparisons, West Branch Oswegatchie River near Harrisville, NY.....	6
5.	Hydrographic comparisons, Wappinger Creek near Wappingers Falls, NY.....	7
6.	Hydrographic comparisons, ground-water levels at selected observation wells.....	10
7.	System for numbering wells.....	12
8.	Map showing location of gaging stations and observation wells.....	44
9.	Map showing gaging stations and diversions near mouth of Mohawk River.....	133
10.	Map showing location of sites within the New York City reservoir system that were sampled for pesticide analysis.....	489
11.	Map showing location of municipal supply wells within the Mohawk River basin that were sampled for ground-water quality during August and September 2002.....	502

TABLE

Table 1.	Factors for converting inch-pound units to International System Units (SI)....back cover	inside of
----------	--	-----------

NOTE.--Data for partial-record stations and miscellaneous sites are published in separate sections of the data report. See reference at the end of this list for page numbers for these sections.

[Letter after station name designates type of data: (d) discharge, (e) elevation, (g) gage height, (v) contents, (c) chemical, (b) biological, (s) sediment, (m) minor element, (p) pesticide, (n) nutrient, (o) organic, (r) radiochemical, (t) water temperature]

NORTH ATLANTIC SLOPE BASINS	Station number	Page
HUDSON RIVER BASIN		
Indian Lake (head of Indian River) near Indian Lake (e,v).....	01314500	46
Indian River near Indian Lake (d).....	01315000	47
Hudson River at North Creek (d).....	01315500	49
Hudson River at Hadley (d).....	01318500	51
Sacandaga River near Hope (d).....	01321000	53
Great Sacandaga Lake at Conklingville (e,v).....	01323500	55
Sacandaga River at Stewarts Bridge, near Hadley (d).....	01325000	56
Hudson River at Fort Edward (d).....	01327750	58
Hudson River at Rogers Island at Fort Edward (s,o).....	01327755	60
Batten Kill at Battenville (d).....	01329500	61
Kayaderosseras Creek:		
Glowegee Creek at West Milton (d).....	01330000	63
Hudson River at Stillwater (d,s,o).....	01331095	65
Hoosic River near Williamstown, MA (d).....	01332500	69
Green River at Williamstown, MA (d).....	01333000	70
Walloomsac River near North Bennington, VT (d).....	01334000	71
Hoosic River near Eagle Bridge (d).....	01334500	72
Hudson River above Lock 1 near Waterford (d).....	01335754	74
Hudson River at Waterford (s,o).....	01335770	76
Mohawk River below Delta Dam, near Rome (d).....	01336000	79
West Canada Creek near Wilmurt (d).....	01343060	81
West Canada Creek at Kast Bridge (d).....	01346000	83
Mohawk River near Little Falls (d).....	01347000	85
Canajoharie Creek near Canajoharie (d,c,s,p,n).....	01349150	87
Schoharie Creek:		
Sugarloaf Brook south of Tannersville (d).....	01349541	92
East Kill near Jewett Center (d).....	01349700	94
Schoharie Creek near Lexington (d).....	01349705	96
West Kill below Hunter Brook near Spruceton (d).....	01349711	98
West Kill near West Kill (d).....	01349810	100
Batavia Kill near Maplecrest (d).....	01349840	102
Batavia Kill at Red Falls near Prattsville (d).....	01349950	104
Schoharie Creek at Prattsville (d).....	01350000	106
Toad Hollow Brook near Grand Gorge (d).....	01350032	108
Bear Kill near Prattsville (d).....	01350035	110
Manor Kill at West Conesville, near Gilboa (d).....	01350080	112
Schoharie Reservoir near Grand Gorge (e,v).....	01350100	114
Schoharie Creek at Gilboa (d).....	01350101	115
Platter Kill at Gilboa (d).....	01350120	116
Mine Kill near North Blenheim (d).....	01350140	118
Schoharie Creek at North Blenheim (d).....	01350180	120
Schoharie Creek at Breakabeen (d).....	01350355	122
Schoharie Creek at Burtonsville (d).....	01351500	124
Lisha Kill northwest of Niskayuna (d,c,s,p,n).....	01356190	126
Mohawk River at Cohoes (d,c,s,p).....	01357500	131
Hudson River at Green Island (d).....	01358000	139
Hudson River at Albany (e,t).....	01359139	141
Stockport Creek:		
Kinderhook Creek:		
Valatie Kill near Nassau (d).....	01360640	144
Esopus Creek:		
Panther Mountain Tributary to Esopus Creek near Oliverea (d).....	01362192	146
Birch Creek at Big Indian (d).....	013621955	148
Esopus Creek at Allaben (d,c,s,n).....	01362200	150
Diversion from Schoharie Reservoir (d,t).....	01362230	153
Hollow Tree Brook at Lanesville (d).....	01362342	157
Stony Clove Creek near Phoenicia (d).....	01362380	159
Beaver Kill:		
Beaver Kill Tributary above Lake Hill (d).....	01362465	161
Little Beaver Kill at Beechford near Mount Tremper (d).....	01362497	163
Esopus Creek at Coldbrook (d,t).....	01362500	165
Bush Kill below Maltby Hollow Brook at West Shokan (d).....	01363382	169
Esopus Creek at Mount Marion (d).....	01364500	171
Rondout Creek above Red Brook at Peekamoose (d).....	01364959	173
Rondout Creek near Lowes Corners (d).....	01365000	175
Chestnut Creek at Grahamsville (d).....	01365500	177
Rondout Creek at Rosendale (d).....	01367500	179
Wallkill River at Gardiner (d).....	01371500	181
Hudson River below Poughkeepsie (e,s,c,t).....	01372058	183
Wappinger Creek near Wappingers Falls (d).....	01372500	189
Hudson River at South Dock at West Point (e,c,t).....	01374019	191
Croton River:		
East Branch Croton River near Putnam Lake (d).....	0137449480	197
East Branch Croton River at Brewster (d).....	01374505	200

NORTH ATLANTIC SLOPE BASINS--Continued	Station number	Page
HUDSON RIVER BASIN--Continued		
Croton River:		
East Branch Croton River near Croton Falls (d).....	01374531	202
West Branch Croton River at Richardsville (d).....	01374559	204
West Branch Croton River below dam near Kent Cliffs (d).....	01374581	206
Horse Pound Brook near Lake Carmel (d).....	01374598	208
West Branch Croton River near Carmel (d).....	0137462010	210
Middle Branch Croton River near Carmel (d).....	01374654	212
West Branch Croton River near Croton Falls (d).....	01374701	214
Titicus River at Purdys Station (d).....	01374821	216
Cross River near Cross River (d).....	01374890	218
Cross River at Katonah (d).....	01374901	220
Stone Hill River south of Katonah (d,p).....	01374918	222
Stone Hill River Tributary at Bedford Hills (p).....	01374921	234
Muscoot River at Baldwin Place (d).....	01374930	244
Muscoot River below dam at Amawalk (d).....	01374941	246
Angle Fly Brook at Whitehall Corners (d).....	01374976	248
Kisco River below Mount Kisco (d,p).....	01374987	250
Hunter Brook south of Yorktown (d).....	0137499350	262
Croton River at New Croton Dam, near Croton-on-Hudson (d).....	01375000	264
Hudson River south of Hastings-on-Hudson (e,c,t).....	01376304	266
Reservoirs and Diversions - Hudson River basin (d,e,v).....		272
HACKENSACK RIVER BASIN		
Hackensack River at West Nyack (d).....	01376800	275
Hackensack River at Rivervale, NJ (d).....	01377000	277
Reservoirs and Diversions - Hackensack River basin (d,e,v).....		279
PASSAIC RIVER BASIN		
Pequannock River (head of Pompton River):		
Ramapo River at Ramapo (d).....	01387400	281
Ramapo River at Suffern (d).....	01387420	283
Ramapo River near Mahwah, NJ (d).....	01387500	285
DELAWARE RIVER BASIN		
East Branch Delaware River at Roxbury (d).....	01413088	287
Dry Brook:		
Bush Kill near Arkville (d).....	01413398	289
Dry Brook at Arkville (d).....	01413408	291
East Branch Delaware River at Margaretville (d).....	01413500	293
Platte Kill at Dunraven (d).....	01414000	295
Mill Brook near Dunraven (d).....	01414500	297
Tremper Kill near Andes (d).....	01415000	299
East Branch Delaware River at Downsville (d).....	01417000	301
East Branch Delaware River at Harvard (d,t).....	01417500	303
Beaver Kill at Cooks Falls (d,t).....	01420500	307
East Branch Delaware River above Read Creek at Fishs Eddy (d,t).....	01420980	311
West Branch Delaware River at Hobart (d).....	01421610	315
Town Brook:		
Town Brook Tributary southeast of Hobart (d).....	01421614	318
Town Brook southeast of Hobart (d).....	01421618	320
West Branch Delaware River upstream from Delhi (d).....	01421900	322
Coulter Brook near Bovina Center (d).....	01422389	324
Little Delaware River near Delhi (d).....	01422500	326
East Brook:		
Wolf Creek at Mundale (d).....	01422738	328
East Brook east of Walton (d).....	01422747	330
West Branch Delaware River at Walton (d).....	01423000	332
Trout Creek near Trout Creek (d).....	0142400103	334
Sherruck Brook:		
Sherruck Brook Tributary near Trout Creek (d).....	01424108	336
West Branch Delaware River at Stilesville (d,t).....	01425000	338
West Branch Delaware River at Hale Eddy (d,t).....	01426500	342
West Branch Delaware River at Hancock (t).....	01427000	346
Delaware River near Hankins (t).....	01427301	348
Delaware River at Callicoon (d,c,m,n,t).....	01427510	350
Delaware River above Lackawaxen River near Barryville (d,t).....	01428500	355
Delaware River at Barryville (t).....	01432160	359
Delaware River at Pond Eddy (t).....	01432805	361
Delaware River at Port Jervis (d,c,m,n).....	01434000	363
East Branch Neversink River northeast of Denning (d).....	0143400680	366
East Branch Neversink River near Claryville (d).....	01434017	368
West Branch Neversink River at Winnisook Lake near Frost Valley (d).....	01434021	370
Biscuit Brook above Pigeon Brook, at Frost Valley (d).....	01434025	372
Shelter Creek below Dry Creek near Frost Valley (d).....	01434092	374
West Branch Neversink River at Claryville (d).....	01434498	376
Neversink River near Claryville (d).....	01435000	378
Neversink River at Neversink (d).....	01436000	380
Neversink River at Bridgewater (d,t).....	01436690	382
Neversink River at Godeffroy (d).....	01437500	386
Delaware River at Montague, NJ (d).....	01438500	388
Reservoirs and Diversions - Delaware River basin (d,e,v).....		390

* * * * *

x SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED
IN THIS VOLUME (Continued)

ST. LAWRENCE RIVER BASIN	Station number	Page
STREAMS TRIBUTARY TO LAKE ONTARIO		
Salmon River at Pineville (d).....	04250200	393
Black River near Bonville (d).....	04252500	395
Independence River at Donnattsburg (d).....	04256000	397
Stillwater Reservoir near Beaver River (e,v).....	04256500	399
Beaver River at Croghan (d).....	04258000	400
Black River at Watertown (d).....	04260500	402
Lakes and reservoirs in streams tributary to Lake Ontario (e,v).....		404
Oswegatchie River near Oswegatchie (d).....	04262000	405
West Branch Oswegatchie River near Harrisville (d).....	04262500	407
Oswegatchie River near Heuvelton (d).....	04263000	409
St. Lawrence River at Cornwall, Ontario--near Massena, NY (d).....	04264331	411
Raquette River at Piercfield (d).....	04266500	413
Raquette River at South Colton (d).....	04267500	415
Raquette River at Raymondville (d).....	04268000	417
St. Regis River:		
West Branch St. Regis River near Parishville (d).....	04268800	419
St. Regis River at Brasher Center (d).....	04269000	421
Salmon River at Chasm Falls (d).....	04270000	423
Little Salmon River at Bombay (d).....	04270200	425
Lake Champlain (head of Richelieu River):		
Great Chazy River at Perry Mills (d).....	04271500	427
Little Chazy River near Chazy (d).....	04271815	429
Saranac River at Plattsburgh (d).....	04273500	431
Salmon River at South Plattsburgh (d).....	04273700	433
Little Ausable River near Valcour (d).....	04273800	435
Ausable River near Au Sable Forks (d).....	04275500	437
Bouquet River at Willsboro (d).....	04276500	439
Putnam Creek east of Crown Point Center (d).....	04276842	441
Lake George at Rogers Rock (g).....	04278000	443
Lake Champlain north of Whitehall (e).....	04279085	444
Poultney River below Fair Haven, VT (d).....	04280000	445
Mettawee River near Middle Granville (d).....	04280450	446
Lake Champlain at Burlington, VT (e).....	04294500	448
Richelieu River (Lake Champlain) at Rouses Point (e).....	04295000	449
Lakes and Reservoirs in streams tributary to St. Lawrence River (g,v).....		450
* * * * *		*
Discharge at partial-record stations and miscellaneous sites		
Crest-stage partial-record stations.....		451
Miscellaneous sites.....		456
* * * * *		*

GROUND-WATER LEVELS

<u>ALBANY COUNTY</u>		
Well 424114073495402 Local number A 636.....		459
Well 424115073495301 Local number A 654.....		460
<u>CLINTON COUNTY</u>		
Well 445052073350201 Local number Cl 145.....		461
<u>DUTCHESS COUNTY</u>		
Well 414128073475201 Local number Du 1009.....		463
<u>ESSEX COUNTY</u>		
Well 435253073440701 Local number Ex 150.....		464
<u>HAMILTON COUNTY</u>		
Well 432832074122201 Local number H 3.....		465
<u>LEWIS COUNTY</u>		
Well 440939075191301 Local number L 174.....		466
<u>ONEIDA COUNTY</u>		
Well 433112075091501 Local number Oe 151.....		467
<u>ROCKLAND COUNTY</u>		
Well 411802073593001 Local number Ro 18.....		468
<u>ST. LAWRENCE COUNTY</u>		
Well 444904074455201 Local number St 40.....		469
<u>SARATOGA COUNTY</u>		
Well 425242073473201 Local number Sa 1100.....		470
<u>SULLIVAN COUNTY</u>		
Well 414525074360601 Local number Sv 535.....		471
<u>ULSTER COUNTY</u>		
Well 414948074035001 Local number U 1619.....		472
<u>WASHINGTON COUNTY</u>		
Well 431030073192101 Local number W 533.....		473
* * * * *		*

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SITES

National water-quality assessment (NAWQA) program - Hudson River basin		
Introduction.....		474
Surface-water synoptic sampling studies - Croton watershed.....		475
New York City reservoirs pesticide monitoring project.....		489
Poughkeepsie water treatment plant pesticide monitoring project.....		498
* * * * *		*

QUALITY OF GROUND WATER

Aquifers within the Mohawk River basin.....		502
* * * * *		*